

# 10/665,758

## EAST SEARCH NOTES (cont.)

Part (I) SEARCH STRATEGY

Part (II) SEARCH RESULTS

**Part (II) Results Identified As Follows**

- (C) DOCUMENTS CITED BY EXAMINER ON PTO-892
- (1) HIGHLY RELEVANT [X-TYPE] DOCUMENTS
- (2) PARTIALLY RELEVANT [Y-TYPE] DOCUMENTS
- (3) BACKGROUND [A-TYPE] DOCUMENTS
- (4) DOCUMENTS CITED BY APPLICANT PTO-1449

|    | Hits | Search Text   | DBs               |
|----|------|---|-------------------|
| 1  | 437  | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))   | USPAT; US-PGPUB   |
| 2  | 173  | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME (stop aperture iris)   | USPAT; US-PGPUB   |
| 3  | 72   | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME (stop aperture iris) SAME filter   | USPAT; US-PGPUB   |
| 4  | 53   | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4  | USPAT; US-PGPUB   |
| 5  | 27   | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4 SAME (stop aperture iris)  | USPAT; US-PGPUB   |
| 6  | 27   | ((sensor ccd electronic) NEAR6 (image imaging)) AND (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4 SAME (stop aperture iris))  | USPAT; US-PGPUB   |
| 7  | 16   | ((sensor ccd electronic) NEAR6 (image imaging)) SAME (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4 SAME (stop aperture iris)) | USPAT; US-PGPUB   |
| 8  | 108  | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))   | EPO; JPO; DERWENT |
| 9  | 12   | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME (stop aperture iris)   | EPO; JPO; DERWENT |
| 10 | 1    | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME (stop aperture iris) SAME filter   | EPO; JPO; DERWENT |
| 11 | 12   | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4  | EPO; JPO; DERWENT |
| 12 | 4    | lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4 SAME (stop aperture iris)  | EPO; JPO; DERWENT |
| 13 | 2    | ((sensor ccd electronic) NEAR6 (image imaging)) AND (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit)) SAME aspher\$4 SAME (stop aperture iris))  | EPO; JPO; DERWENT |
| 14 | 250  | (348/340).CCLS.   | USPAT; US-PGPUB   |
| 15 | 142  | (348/342).CCLS.   | USPAT; US-PGPUB   |
| 16 | 159  | (348/360).CCLS.   | USPAT; US-PGPUB   |
| 17 | 167  | (359/717).CCLS.   | USPAT; US-PGPUB   |
| 18 | 239  | (359/793).CCLS.   | USPAT; US-PGPUB   |
| 19 | 151  | (359/794).CCLS.   | USPAT; US-PGPUB   |
| 20 | 116  | (359/795).CCLS.   | USPAT; US-PGPUB   |
| 21 | 5    | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((348/340).CCLS.)   | USPAT; US-PGPUB   |
| 22 | 5    | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((348/342).CCLS.)   | USPAT; US-PGPUB   |
| 23 | 8    | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((348/360).CCLS.)   | USPAT; US-PGPUB   |
| 24 | 7    | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((359/717).CCLS.)   | USPAT; US-PGPUB   |
| 25 | 14   | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((359/793).CCLS.)   | USPAT; US-PGPUB   |
| 26 | 4    | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((359/794).CCLS.)   | USPAT; US-PGPUB   |
| 27 | 1    | (lens SAME (image ADJ pickup) SAME ((first front) NEAR2 (lens element component group unit)) SAME ((second) NEAR2 (lens element component group unit))) and ((359/795).CCLS.)   | USPAT; US-PGPUB   |
| 28 | 12   | JO-YONG\$4.IN. SEO-TAE\$4.IN. PARK-JONG\$4.CHEOL.IN. LIM-JANG\$3.IN.  | USPAT; US-PGPUB   |

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(PART II)

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|    | C                                   | 1                        | 2                        | 3                                   | 4                                   | Document ID ▽     | Title  | Current OR |
|----|-------------------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------|--|------------|
| 1  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 6717747 B2     | Image pickup lens  | 359/742    |
| 2  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 6650485 B2     | Photographic lens  | 359/717    |
| 3  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 6449105 B1     | Image pickup lens system   | 359/793    |
| 4  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 5739965 A      | Wide angle lens system for camera  | 359/753    |
| 5  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20040179276 A1 | Imaging lens   | 359/793    |
| 6  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20040141240 A1 | Lens for image pickup  | 359/719    |
| 7  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20040105173 A1 | Image pickup lens, image pickup unit and cellphone terminal equipped therewith | 359/793    |
| 8  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20040057125 A1 | Imaging lens   | 359/793    |
| 9  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20030197956 A1 | Imaging lens   | 359/738    |
| 10 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20030169362 A1 | Image pickup lens  | 348/335    |
| 11 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20030117723 A1 | Photographic lens  | 359/794    |
| 12 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | US 20020054438 A1 | Image pickup lens  | 359/719    |
| 13 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | KR 2002085681 A   | Small lens system for ccd (charge coupled device)                              |            |
| 14 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | JP 2004145183 A   | IMAGE PICKUP LENS, IMAGE PICKUP UNIT, AND MOBILE TERMINAL                      |            |
| 15 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | JP 10104511 A     | IMAGE PICKUP LENS  |            |
| 16 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | EP 1179742 A1     | Image pickup lens  |            |